

<b>Play:</b>	3504	Muddy Sandstone Stratigraphic	
<b>Province:</b>	35	Wind River Basin	
<b>Geologist:</b>	Fox, J.E., and Dolton, G.L.		<b>Status:</b> confirmed

<b>Play Attributes:</b>	<u>Probability of Occurrence</u>
Charge	1.00
Reservoir rock	1.00
Traps	1.00
<b>Play Probability</b>	<b>1.00</b>

**Size of Undiscovered Accumulations (>1 MMBOE) (Conditional):**

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Median	4 MMBO	24 BCFG
F5 of Largest Accumulation	50 MMBO	150 BCFG
TSP Shape Factor	5	4
Mean (calculated)	7.3 MMBO	37.7 BCFG

**Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):**

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	4	2
Median	8	4
Maximum	12	6
Mean (calculated)	8.0	4.0

**Play:** 3504 Muddy Sandstone Stratigraphic

**Province:** 35 Wind River Basin

**Geologist:** Fox, J.E., and Dolton, G.L.

**Status:** confirmed

**Ratio of Associated-Dissolved Gas to Oil:** 3,435 CFG/bbl

**Ratio of NGL to Non-Associated Gas:** 5 bbl/MMCF

**Ratio of NGL to Associated-Dissolved Gas:** 28 bbl/MMCF

<b>API Gravity (degrees):</b>	<u>minimum</u>	<u>mean</u>	<u>maximum</u>
	33.0	38.0	44.0

<b>Depth of Oil Accumulations (ft):</b>	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	5,000	10,000	15,000

<b>Depth of N-A Gas Accumulations (ft):</b>	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	9,000	12,000	16,000

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**Estimated Resources:**

**Oil (MMBO)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
1.60	4.30	16.40	30.50	50.50	89.00	123.60	58.60	31.60

**NGL (MMBNGL)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.19	0.49	1.83	3.40	5.63	9.95	13.78	6.40	3.50

**Associated-Dissolved Gas (BCFG)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
5.50	14.77	56.33	104.77	173.47	305.72	424.57	201.40	108.55

**Non-Associated Gas (BCFG)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
7.60	15.00	50.20	93.00	154.60	278.00	378.80	150.90	91.90